

**D** **DRS**  
PATENT APPLICATION SERIAL NO. \_\_\_\_\_

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE  
FEE RECORD SHEET

06/15/2001 RHARIS1 00000055 09879480

01 FC:201 355.00 OP  
02 FC:203 63.00 OP

Refund Ref:  
06/15/2001 RHARIS1 0000106297 *ME*

CHECK Refund Total: \$40.00

PTO-1556  
(5/87)

06/12/01  
JC928 U.S. PTO

06-13-01

09/879480 PRO  
11040 U.S. PTO  
06/12/01

Express Mail No:EL833229915US  
Attorney Docket:HrdMgmtCIP

IN THE UNITED STATES PATENT AND  
TRADEMARK OFFICE

In Re the Application of: Jack C. Whittier, Barbi A. Riggs, Patrick D. Burns and George Seidel

Serial Number: Original: 09/511,959; 09/448,643; PCT/US99/17165

New: \_\_\_\_\_

Filed: Original: 23 February 2000; 24 November 1999; 28 July 1999

New: \_\_\_\_\_

For: New: Integrated Herd Management System Utilizing Isolated Populations of X-Chromosome Bearing and Y-Chromosome Bearing Spermatozoa

Assignee: Colorado State University through its agent Colorado State University Research Foundation

**LETTER OF TRANSMITTAL**

Commissioner of Patents  
and Trademarks  
Box Patent Application  
Washington, D.C. 20231

Sir:

Enclosed for filing is a continuation-in-part application for patent including the following documents:

- a.) Application Data Sheet;
- b.) Power of Attorney of XY, Inc.;
- c.) Statement Establishing Small Entity Status (Small Business Concern);
- d.) Statement Establishing Small Entity Status 37 CFR 1.9(e)—University or Other Institution of Higher Learning;
- e.) Specification consisting of 60 pages;
- f.) Drawings consisting of 8 pages;
- g.) Information Disclosure Citation;

TO 21790-08462860

- h.) Express Mail Certificates for each document;
- i.) a firm check payable to the Commissioner of Patents and Trademarks in the amount of \$ 450.00 and a fee calculation sheet;
- j.) This Letter of Transmittal and a return receipt postcard.

It should be noted that small entity status was established in the priority case. Small entity status remains appropriate and is hereby claimed for this application under 37 CFR 1.28.

**Please note** that priority is hereby claimed on the following cases, each of which is incorporated by reference:

09/001,394; filed on 31 December 1997  
09/015,454; filed on 29 January 1998  
60/094,720; filed on 30 July 1998  
60/113,143; filed on 18 December 1998  
PCT/US98/27909; filed on 31 December 1998  
PCT/US99/17165; filed on 28 July 1999  
09/448,643; filed on 24 November 1999  
09/511,959; filed on 23 February 2000  
09/582,809; filed on 30 June 2000

Please confirm receipt of the documents by applying your date stamp and serial number on the enclosed postcard and returning it to me.

**Please address all future correspondence to: Santangelo Law Offices, P.C., 125 South Howes, Third Floor, Fort Collins, CO 80521.**

I have this 2 day of June, 2001, either myself personally or through my direction of staff at this office, deposited all of the items in the above letter of transmittal with the United States Postal Service as Express Mail, postage prepaid, in an envelope addressed to: The Commissioner of Patents and Trademarks, Box Patent Application, Washington, D.C. 20231.

Dated this 2 day of June, 2001.

Respectfully Submitted,  
SANTANGELO LAW OFFICES, P.C.

By:

  
Craig R. Miles  
Attorney for Applicant  
PTO No. 45,954  
125 South Howes, Third Floor  
Fort Collins, CO 80521  
(970) 224-3100

**FEE CALCULATION SHEET**  
**USPTO Patent Application**

<b>(1) FOR</b>	<b>(2) NUMBER FILED</b>	<b>(3) NUMBER EXTRA</b>	<b>(4) RATE</b>	<b>(5) CALCULATIONS</b>
TOTAL CLAIMS <sup>1</sup>	27-20 =	7	x \$18.00 =	\$126.00
INDEP. CLAIMS	1 =	0		0.00
MULTIPLE DEPENDENT CLAIMS (insert Y or N)			Y	0.00
BASIC FEE				710.00
TOTAL OF ABOVE =				836.00
REDUCTION BY 50 % FOR FILING BY SM ENTITY (insert Y or N)		N		418.00
ASSIGNMENT (insert Y or N)		Y	\$	40.00
TOTAL =			\$	458.00

<sup>1</sup> **TOTAL CLAIMS BASED ON:**

	Numbered claims with:
1	Independent claims 1
26	Claims dependent on a single claim 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21 22, 23, 24, 25, 26, 27
	Claims dependent on two claims
	Claims dependent on three claims
	Claims dependent on four claims
	Claims dependent on five claims
27	TOTAL CALCULATED CLAIMS

Note: Fees based on October 1, 2000

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Assignee: Colorado State University through its agent Colorado State University Research Foundation

**CERTIFICATE OF EXPRESS MAILING**

I, Shannon Nation-Kammerer, hereby certify to the truth of the following items:

1. I am an employee of Santangelo Law Offices, P.C., 125 South Howes, Third Floor, Fort Collins, Colorado 80521.

2. I have this day deposited the attached check made payable to the Commissioner of Patents and Trademarks in the amount of \$ 458.00, a Filing Fee Calculation Sheet, and this Letter of Transmittal with the United States Postal Service as "Express Mail" for mailing to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.

DATED this 12 day of June, 2001.

  
\_\_\_\_\_  
Shannon Nation-Kammerer